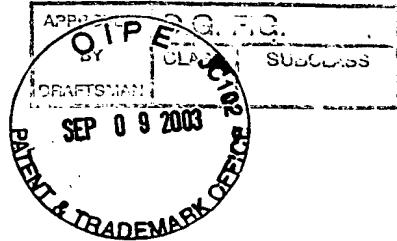


Patent Application no. 09/869,003 - Filed: September 25, 2001
Title: NOVEL HIV RELATED PEPTIDES
Attorney Docket No.: 015280-386200 - Replacement Sheet

SEP 09 2003

1/10

FIG. 1A.



2/10

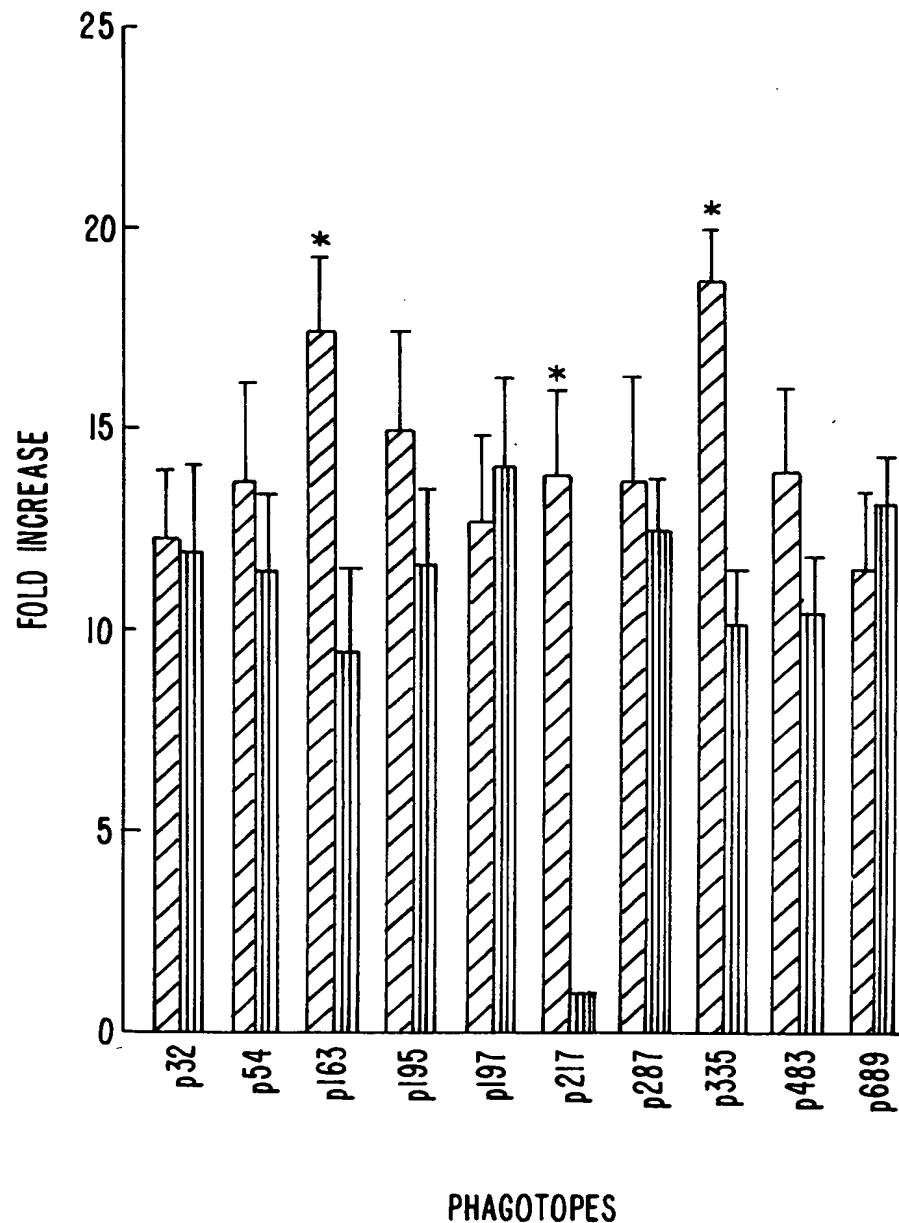
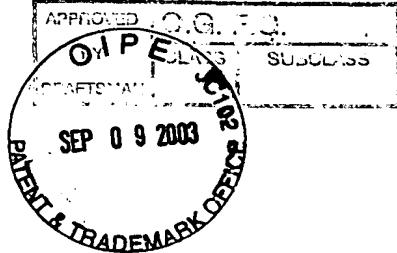


FIG. 1B.



Patent Application no. 09/869,003 - Filed: September 25, 2001
Title: NOVEL HIV RELATED PEPTIDES
Attorney Docket No.: 015280-386200 - Replacement Sheet

3/10

a		b		c	
p195	HIV1U16374 (V1)	CONSENSUS	G	SGKHLICTTN	EATFVYVAP
HIV1U16374		CONSENSUS	D	SGKHLICTTN	TKTLLIYGGAA
		CONSENSUS	F	SGKHLICTTN	KRIVIGPQT
		CONSENSUS	A	SGKHLICTTN	CAGGLTCSV
		CONSENSUS	E	SGKHLICTTA	SGRLYCHESW
		CONSENSUS	C	SGKHLICTTA	FASLHYDKP
		CONSENSUS	B	SGKHLICTTA	RPTLRFQGA
			p197	GTKLVCFAA	p32
			HIVANT70 (gp41)	-GTKLVCFAA	p54
				-GTKLVCFAA	p163
				-GTKLVCFAA	p287
				-GTKLVCFAA	p335
				-GTKLVCFAA	p483
				-GTKLVCFAA	p689

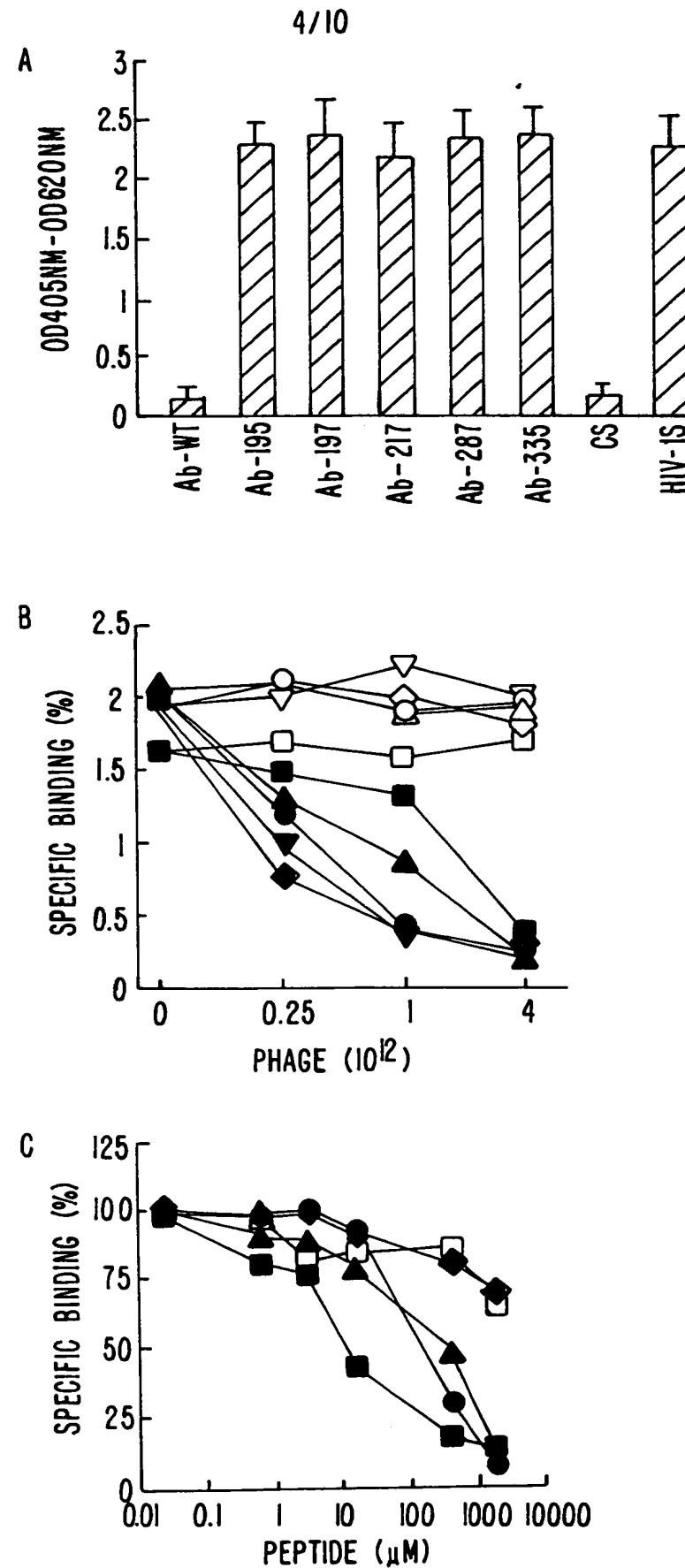
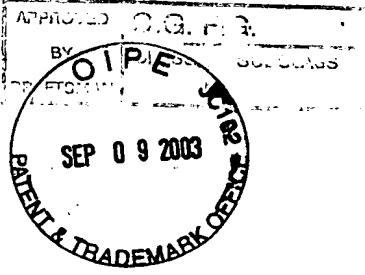


FIG. 3.

5/10

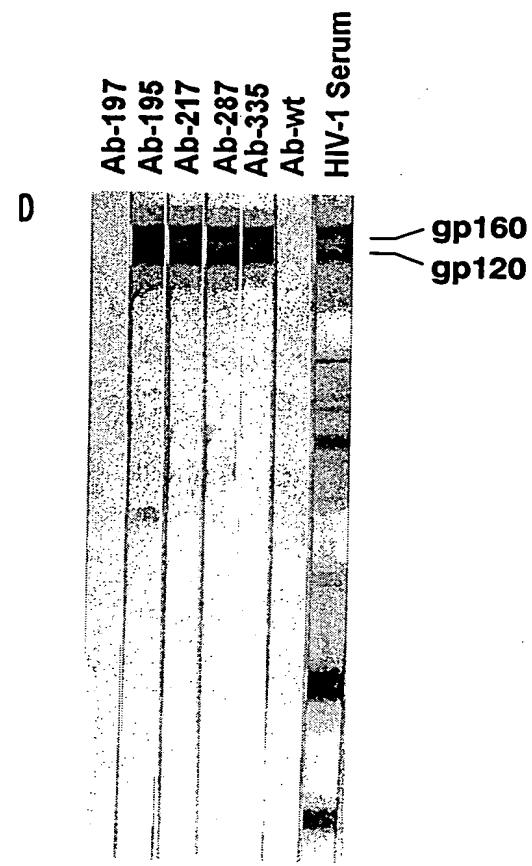


FIG. 3.



6/10

SELECTION	CLONE	SHIV NEGATIVE						SHIV POSITIVE						
		B042	B027	B118	B047	A125	42C	E50	AK98	4150	79	4138	17860	17846
1	p195	-	-	-	-	-	-	-	-	-	-	-	-	-
	p197	-	-	-	-	-	-	-	-	-	-	-	-	-
	p217	-	-	-	-	-	-	-	-	-	-	-	-	-
	p287	-	-	-	-	-	-	-	-	-	-	-	-	-
	p335	-	-	-	-	-	-	-	-	-	-	-	-	-
2	p32	-	-	-	-	-	-	-	-	-	-	-	-	-
	p54	-	-	-	-	-	-	-	-	-	-	-	-	-
	p163	-	-	-	-	-	-	-	-	-	-	-	-	-
	p483	-	-	-	-	-	-	-	-	-	-	-	-	-
	p689	-	-	-	-	-	-	-	-	-	-	-	-	-

F/G. 4.



7/10

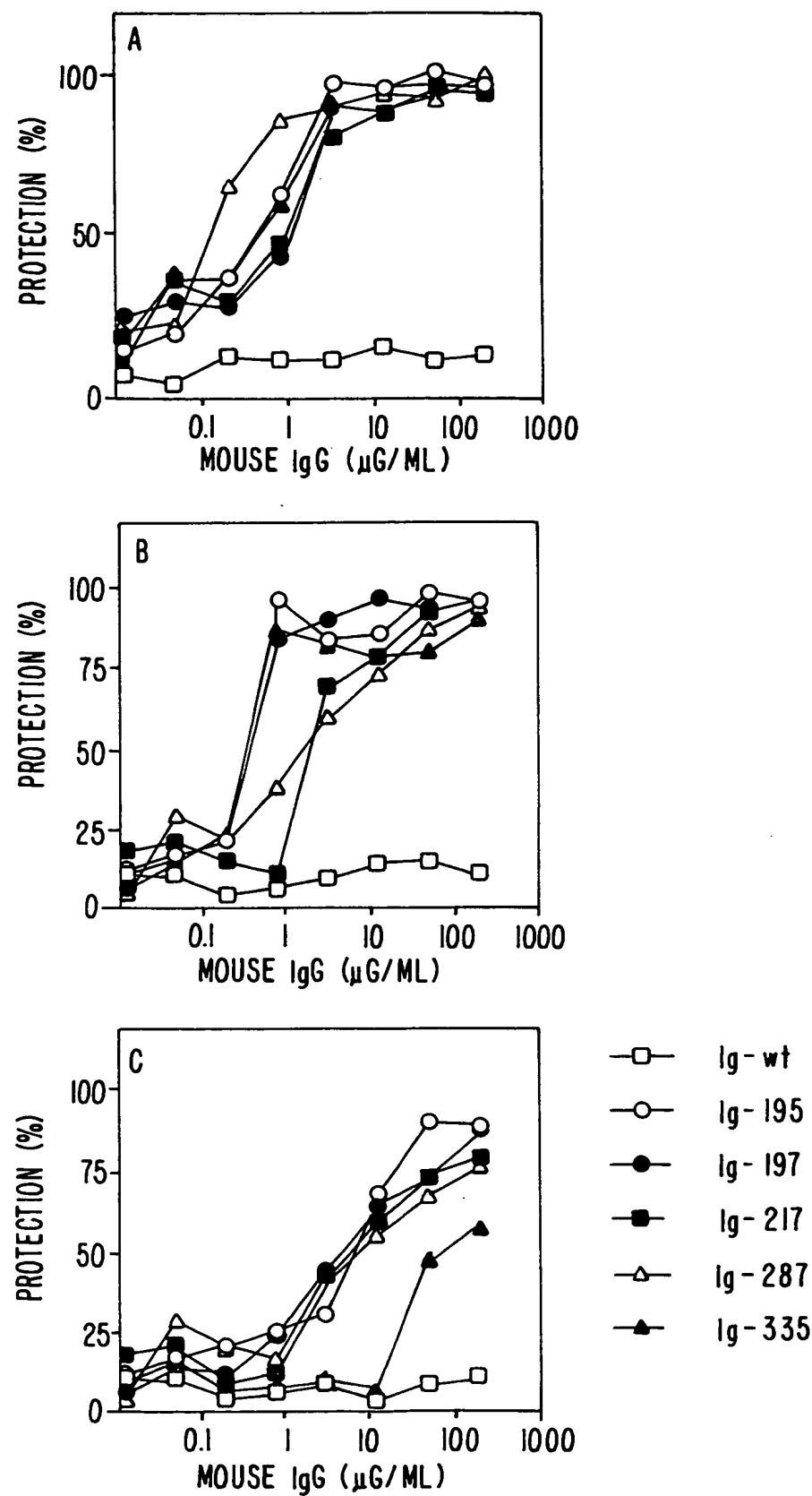
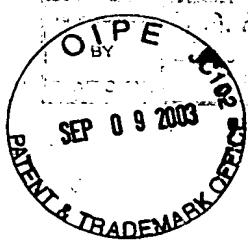


FIG. 5.



8/10

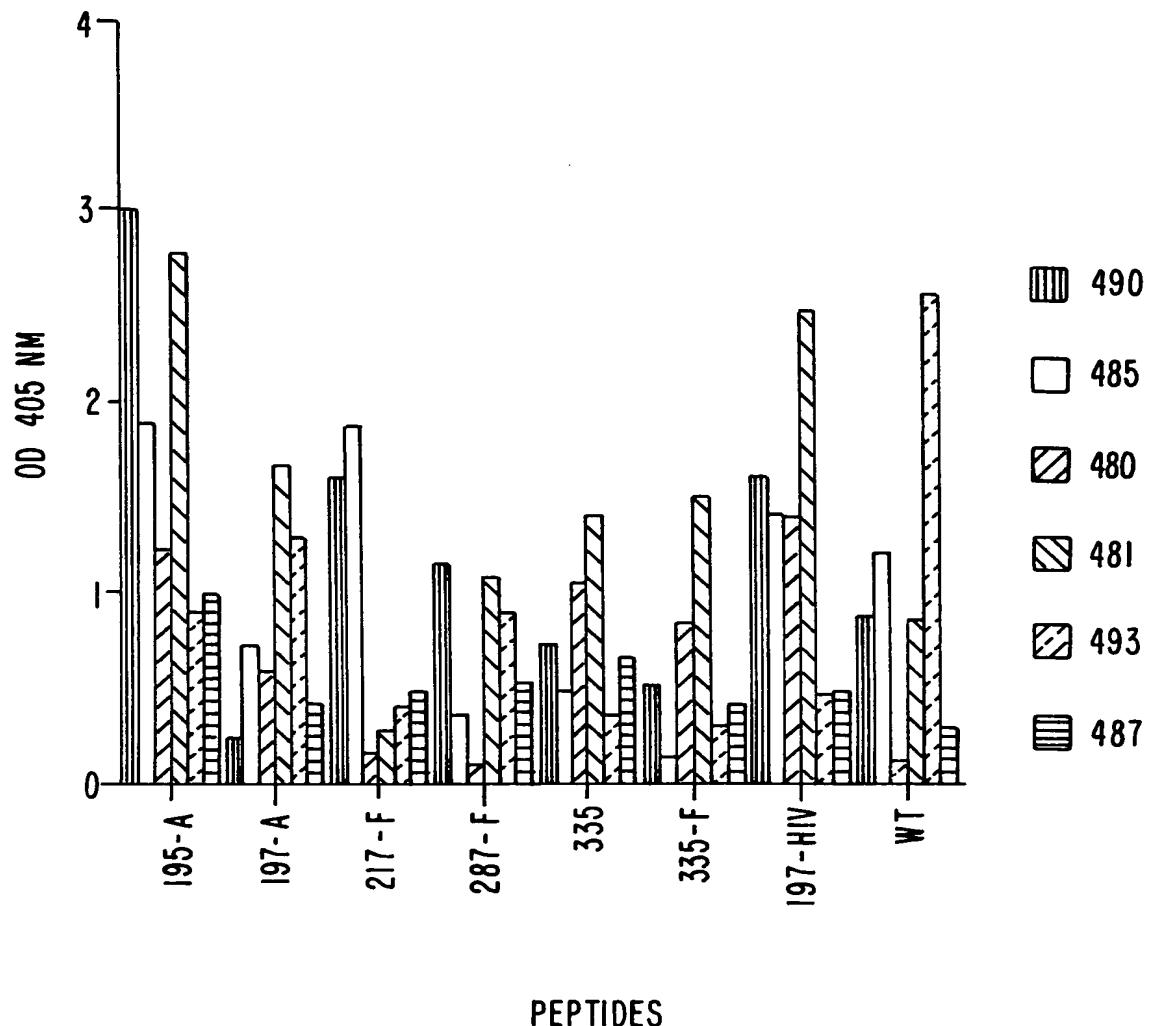


FIG. 6A.



9/10

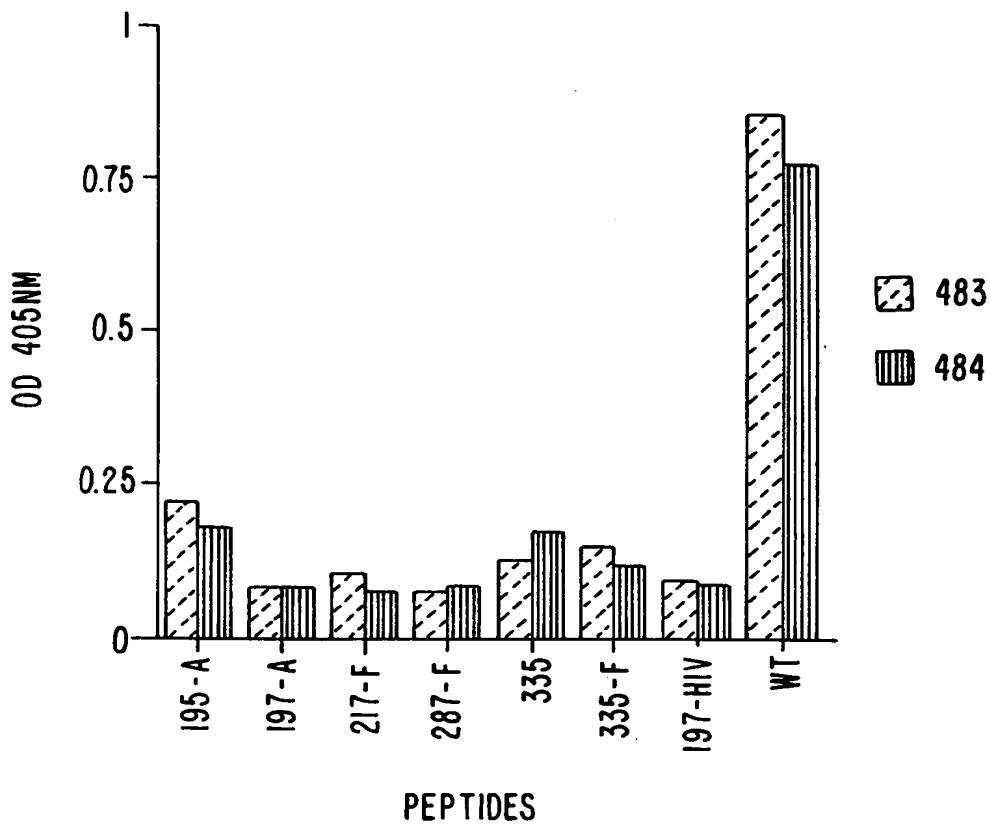


FIG. 6B.



10/10

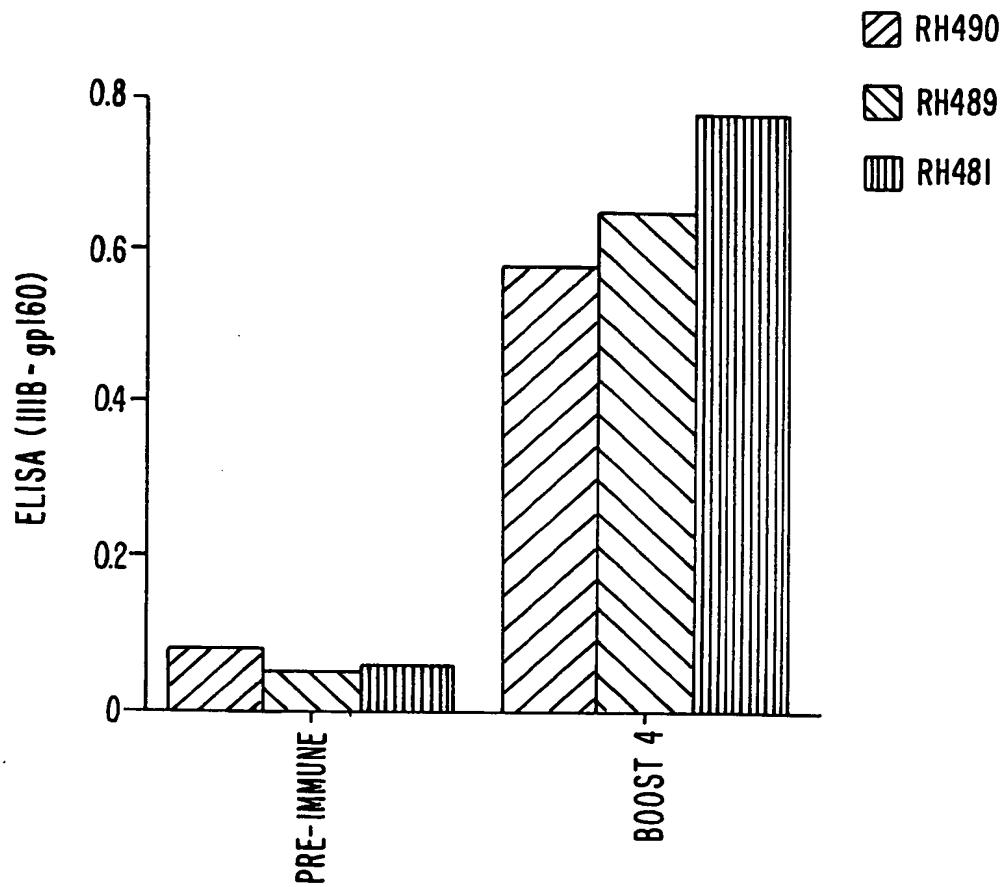


FIG. 7.